

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	431	128/200.11-200.13,200.15,200.17,200.19,200.20,200.23,203.15,204.14.ccls. and @ad<"20040402" and (diaphragm or membrane) and (orifice or opening or mesh or screen or aperture)	US- PGPUB; USPAT	ADJ	ON	2011/01/14 13:32
L4	167	222/213.ccls. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2011/01/14 13:33
L5	439	222/206-212,214-215.ccls. and @ad<"20040402" and (aerosol\$8 or atomiz\$8 or spray or nebuliz\$8)	US- PGPUB; USPAT	ADJ	ON	2011/01/14 13:34
L6	117	239/102.1,102.2.ccls. and @ad<"20040402" and ((diaphragm or membrane) same (orifice or opening or aperture or mesh or screen))	US- PGPUB; USPAT	ADJ	ON	2011/01/14 13:36
L7	22	(papania-mark-\$in. or barry-james-\$in. or bagley-\$in. or elkouh-nabil-\$in. or knaus-darin-\$in. or trabka-robert-\$in.) and aerosol\$8.clm.	US- PGPUB; USPAT	ADJ	ON	2011/01/14 13:36
S1	2	10/471620.app.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 13:54
S2	54	"0318930"   "20020124852"   "20020195100"   "20030164169"   "20040055596" "20050011514"   "20050199236"   "20050205089"   "2908479"   "3861386"   "4036223"   "4106503"   "4117844"   "4286636"   "4319155"   "4756347"   "4877989"   "5063922"   "5215079"   "5261601"   "5443059"   "5499972"   "5515841"   "5515842"   "5544646"   "5551416"   "5660166"   "5704911"   "5709202"   "5758637"   "5803362"   "5826571"   "5848587"   "5879327"   "5891086"   "5921232"   "5950619"   "5970974"   "5996903"   "6026807"   "6116237"   "6125844"   "6158431"   "6196218"   "6196219"   "6273342"   "6363932"   "6550472"   "6651650"   "6676034"   "6851626"),PN. OR ("7225807"). URPN.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 13:54
S3	1	10/756449.app.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 14:22

S4	5	("2005/0150489"),URPN.	USPAT	ADJ	ON	2010/05/11 14:22
S5	1	US-20030164169-\$,did.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 14:34
S6	0	US-2002124852-\$,did.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 14:37
S7	1	US-20020124852-\$,did.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 14:37
S8	1	"5709202",pn.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 14:38
S9	1	"6196219",pn.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 14:40
S10	40	("20020124852"   "20030164069"   "20050011514"   "20050199236"   "2005020509"   "3861386"   "4036223"   "4106503"   "4319155"   "4877989"   "5063922"   "5215079"   "5261601"   "5443059"   "5499972"   "5515841"   "5544646"   "5551416"   "5660166"   "5704911"   "5709202"   "5758637"   "5803362"   "5826571"   "5848587"   "5879327"   "5891086"   "5921232"   "5950619"   "5996903"   "6116237"   "6123068"   "6158431"   "6196218"   "6196219"   "6273342"   "6550472"   "6651650"   "6676034"   "6851626").PN.	US- PGPUB; USPAT	ADJ	ON	2010/05/12 11:31
S11	1274	128/203.12,203.14,203.25.cds. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:28
S12	1435	128/200.14,200.16,200.18,200.21,200.22.cds. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:29
S13	974	128/205.24.cds. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:29
S14	167	222/213.cds. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:30
S15	1830	222/206-212,214-215.cds. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:30

S16	192	128/200.16.cds. and @ad<"20040402"	US- [PGPUB; USPAT]	ADJ	ON	2010/05/18 14:38
S17	1	"7225807".pn.	US- [PGPUB; USPAT]	ADJ	ON	2010/05/18 14:48
S18	61	("0482083"   "4094317"   "4294407"   "4300546"   "4301093"   "4657007"   "4746067"   "4790479"   "4941618"   "4976259"   "5060643"   "5134993"   "5152456"   "5209225"   "5261601"   "5297542"   "5331954").PN. OR ("5435282").URPN.	US- [PGPUB; USPAT; USOCR]	ADJ	ON	2010/05/18 17:09
S19	18	128/200.16.cds. and @ad<"20040402" and (orifice or aperture or hole or opening) and (membrane or diaphragm) and (protrusion or projection)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/18 17:19
S20	656	(membrane or diaphragm) same (orifice plate or mesh or screen) same (protrusion or projection) and @ad<"20040402"	US- [PGPUB; USPAT]	ADJ	ON	2010/05/18 18:54
S21	10	(membrane or diaphragm) same (orifice plate or mesh or screen) same (protrusion or projection) and @ad<"20040402" and (aerosol\$8)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/18 18:54
S22	10	((membrane or diaphragm) same (orifice plate or mesh or screen) same (protrusion or projection)) and @ad<"20040402" and (aerosol\$8)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/18 18:55
S23	3634	((membrane or diaphragm) same (orifice plate or mesh or screen)) and @ad<"20040402" and (aerosol\$8)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/18 18:57
S24	1243	S12 not S16	US- [PGPUB; USPAT]	ADJ	ON	2010/05/18 19:20
S25	686	((membrane or diaphragm) same (orifice plate or mesh or screen)) and spacer and @ad<"20040402" and (aerosol\$8)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/18 19:24
S26	8	((membrane or diaphragm) same (orifice plate or mesh or screen)) and spacer and @ad<"20040402" and (aerosol\$8) and "128".clas.	US- [PGPUB; USPAT]	ADJ	ON	2010/05/18 19:27
S27	437	222/206-212,214-215.cds. and @ad<"20040402" and (aerosol\$8 or atomiz\$8 or spray or nebuliz\$8)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 11:03

S28	800	239/102.1,102.2.ccls. and @ad<"20040402"	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 11:06
S29	117	239/102.1,102.2.ccls. and @ad<"20040402" and ((diaphragm or membrane) same (orifice or opening or aperture or mesh or screen))	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 12:38
S30	40	("3960324"   "4530464"   "4558333"   "4605167"   "4659014"   "4667877"   "4719480"   "4871489"   "5487378"   "5497763"   "5725153"   "5828394"   "6196219").PN. OR ("6405934").URPN.	US- [PGPUB; USPAT; USOCR]	ADJ	ON	2010/05/19 13:56
S31	92	("3387607"   "3679132"   "3700169"   "3790079"   "3852773"   "3900162"   "4078877"   "4209131"   "4285352"   "4388627"   "4465234"   "4514742"   "4516140"   "4533082").PN. OR ("4702418").URPN.	US- [PGPUB; USPAT; USOCR]	ADJ	ON	2010/05/19 14:09
S32	327	aerosol and rate and light and reflective surface	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 16:22
S33	9	aerosol and rate and light and reflective surface and "128".clas.	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 16:24
S34	2	aerosol and rate and light and reflective surface and "239".clas.	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 16:26
S35	1	(rate same light same reflective surface) and "239".clas.	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 16:28
S36	14	(rate same light same reflective surface) and "128".clas.	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 16:28
S37	620	(rate same light same reflective surface)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 16:34
S38	60	(rate same light same reflective surface same (flow or aerosol\$8 or spray\$4))	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 16:35
S39	1	10/587814.app.	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 16:46

S40	64718	aerosol\$8 and (vent same chamber) and diaphragm and "128".clas. or "239".clas.	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 16:59
S41	64708	aerosol\$8 and (vent same chamber same air) and diaphragm and "128".clas. or "239".clas.	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 16:59
S42	55	aerosol\$8 and (vent same chamber same air) and diaphragm and ("128".clas. or "239".clas.)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 16:59
S43	32	aerosol\$8 and (vent same chamber same diaphragm) and ("128".clas. or "239".clas.)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 17:07
S44	83	"128".clas. and (aerosol\$8 or atomiz\$8 or inhaler) and (mask same porous)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 17:15
S45	592	"128".clas. and (aerosol\$8 or atomiz\$8 or inhaler) and baffle	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 17:28
S46	89	"128".clas. and (aerosol\$8 or atomiz\$8 or inhaler) and (baffle with mouthpiece)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 17:28
S47	911	"128".clas. and (aerosol\$8 or atomiz\$8 or inhaler) and counter	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 17:36
S48	375	"128".clas. and (aerosol\$8 or atomiz\$8 or inhaler) and ((dose or dosage) with counter)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/19 17:37
S49	1	5186057 ,pn.	US- [PGPUB; USPAT]	ADJ	ON	2010/05/20 17:32
S50	1	5447151 ,pn.	US- [PGPUB; USPAT]	ADJ	ON	2010/05/20 20:36
S51	1626	128/200.11-200.13,200.15,200.17,200.19,200.20,200.23,203.15,204.14,ccls. and @ad<"20040402"	US- [PGPUB; USPAT]	ADJ	ON	2010/05/20 20:57
S52	427	128/200.11-200.13,200.15,200.17,200.19,200.20,200.23,203.15,204.14,ccls. and @ad<"20040402" and (diaphragm or membrane) and (orifice or opening or mesh or screen or aperture)	US- [PGPUB; USPAT]	ADJ	ON	2010/05/20 20:58

S53	859	papania-mark-\$in. or barry-james-\$in. or bagley-\$in. or elkouh-nabil-\$in. or knaus-darin-\$in. or trabka-robert-\$in.	US- PGPUB; USPAT	ADJ	ON	2010/05/20 21:06
S54	209	(papania-mark-\$in. or barry-james-\$in. or bagley-\$in. or elkouh-nabil-\$in. or knaus-darin-\$in. or trabka-robert-\$in.) and aerosol\$8	US- PGPUB; USPAT	ADJ	ON	2010/05/20 21:06
S55	22	(papania-mark-\$in. or barry-james-\$in. or bagley-\$in. or elkouh-nabil-\$in. or knaus-darin-\$in. or trabka-robert-\$in.) and aerosol\$8.clm.	US- PGPUB; USPAT	ADJ	ON	2010/05/20 21:06
S56	117	239/102.1,102.2.col. and @ad<"20040402" and ((diaphragm or membrane) same (orifice or opening or aperture or mesh or screen))	US- PGPUB; USPAT	ADJ	ON	2010/10/21 17:52
S57	167	222/213.col. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/10/21 17:52
S58	22	(papania-mark-\$in. or barry-james-\$in. or bagley-\$in. or elkouh-nabil-\$in. or knaus-darin-\$in. or trabka-robert-\$in.) and aerosol\$8.clm.	US- PGPUB; USPAT	ADJ	ON	2010/10/21 17:53

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	587	((atomiz\$4 or aerosol\$8).clm. and projection.clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/01/14 13:37
L9	56397	((movable or flexible) element).clm. or diaphragm.clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/01/14 13:37
L10	85368	((movable or flexible) (member or element)).clm. or diaphragm.clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/01/14 13:37
L11	29	L8 and L10	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/01/14 13:37
S59	578	((atomiz\$4 or aerosol\$8).clm. and projection.clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/21 17:54
S60	55804	((movable or flexible) element).clm. or diaphragm.clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/21 17:55
S61	84472	((movable or flexible) (member or element)).clm. or diaphragm.clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/21 17:55
S62	29	S59 and S61	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/21 17:55

1/14/2011 1:37:39 PM

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